

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	46	(dishwash\$3 or tableware or warewash \$5) and pump same (speed and power) same (monitor\$3 or detect\$3 or sens\$4 or determin\$4) same (block\$4 or jam\$5 or foam or damage or dangerous or air or exceptional)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/11/21 18:29
L2	6	A47L015/42.ipc. and pump same (speed and power) same (monitor \$3 or detect\$3 or sens \$4 or determin\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/11/21 18:45
L3	183	(dishwash\$3 or tableware or warewash \$5) and pump same (speed or power) same (monitor\$3 or detect\$3 or sens\$4 or determin \$4) same (block\$4 or jam\$5 or foam or damage or dangerous or air or exceptional) and (interrupt or stop or signal)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/11/21 19:23
L4	188	(dishwash\$3 or tableware or warewash \$5) and pump same (speed or power) same (monitor\$3 or detect\$3 or sens\$4 or determin \$4) same (block\$4 or jam\$5 or foam or damage or dangerous or air or exceptional) and (interrupt\$3 or stop or signal)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/11/21 19:23

L5	11	(dishwash\$3 or tableware or warewash \$5) and pump with (speed or power) with (monitor\$3 or detect\$3 or sens\$4 or determin \$4) with (block\$4 or jam\$5 or foam or damage or dangerous or air or exceptional) with (interrupt\$3 or stop or signal)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/11/21 19:24
L6	5	(dishwash\$3 or tableware or warewash \$5) and pump with (speed or power) with (monitor\$3 or detect\$3 or sens\$4 or determin \$4) with (interrupt\$3 or stop or ((shut or turn) near2 off))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/11/21 19:41
L7	5	(dishwash\$3 or tableware or warewash \$5) and pump with (speed or power) with (monitor\$3 or detect\$3 or sens\$4 or determin \$4) with (interrupt\$3 or stop or ((shut or turn) near2 off))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/11/21 19:44
L8	43	(dishwash\$3 or tableware or warewash \$5) and (pump or motor) with (speed or power) with (monitor \$3 or detect\$3 or sens \$4 or determin\$4) with (interrupt\$3 or stop or ((shut or turn) near2 off))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/11/21 19:44
L9	61	(dishwash\$3 or tableware or warewash \$5) and (pump or motor) with (speed or power or voltage or current) with (monitor \$3 or detect\$3 or sens \$4 or determin\$4) with (interrupt\$3 or stop or ((shut or turn) near2 off))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/11/21 19:46

L10	214	(dishwash\$3 or tableware or warewash \$5) and (pump or motor) with (speed or power or voltage or current) with (monitor \$3 or detect\$3 or sens \$4 or determin\$4) with (warning or signal\$5 or interrupt\$3 or stop or ((shut or turn) near2 off))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/11/21 19:47
L11	69	(dishwash\$3 or tableware or warewash \$5) and (pump or motor) with (speed or power or voltage or current) with (monitor \$3 or detect\$3 or sens \$4 or determin\$4) with (warning or interrupt\$3 or stop or ((shut or turn) near2 off))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/11/21 19:53
L12	107	(dishwash\$3 or tableware or warewash \$5) and (pump or motor) with speed near2 low\$3 and (power or voltage) with high	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/11/21 20:04
L13	0	(dishwash\$3 or tableware or warewash \$5) and (pump or motor) with speed near2 low\$3 and (power or voltage) with high and cavitation and flush\$3 with filter	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/11/21 20:05
L14	10	(dishwash\$3 or tableware or warewash \$5) and (pump or motor) with (speed or power or voltage or current) with (monitor \$3 or detect\$3 or sens \$4 or determin\$4) with (warning or signal\$5 or interrupt\$3 or stop or ((shut or turn) near2 off)) and flush\$3 with filter	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/11/21 20:05

L15	38	(dishwash\$3 or tableware or warewash \$5) and (pump or motor) near3 (speed or power) near12 (filter)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/11/21 20:06
L16	39	(dishwash\$3 or tableware or warewash \$5) and (pump or motor) near3 (speed or power) with (filter)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/11/21 20:11
L17	39	(dishwash\$3 or tableware or warewash \$5) and (pump or motor) near3 (speed or power) near25 (filter)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/11/21 20:11
L18	39	(dishwash\$3 or tableware or warewash \$5 or A47L015/42.ipc.) and (pump or motor) near3 (speed or power) near25 (filter)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/11/21 20:12
L19	51	(dishwash\$3 or tableware or warewash \$5 or A47L015/42.ipc.) and (pump or motor) near3 (speed or power or voltage or current) near25 (filter)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/11/21 20:12
L20	133	(dishwash\$3 or tableware or warewash \$5 or A47L015/42.ipc.) and (pump or motor) near3 (speed or power or voltage or current) near25 (filter or block \$4 or jam\$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/11/21 20:15
L21	14	(dishwash\$3 or tableware or warewash \$5 or A47L015/42.ipc.) and (pump or motor) near3 (speed or power or voltage or current) near25 (filter or block \$4 or jam\$5) with (clean\$3 or rins\$5 or flush\$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/11/21 20:16

L22	21	(dishwash\$3 or tableware or warewash \$5 or A47L015/42.ipc.) and (pump or motor) near3 (speed or power or voltage or current) near25 (filter or block \$4 or jam\$5 or screen) with (clean\$3 or rins\$5 or flush\$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/11/21 20:16
L23	8	(dishwash\$3 or tableware or warewash \$5 or A47L015/42.ipc.) and (pump or motor) with (speed or power or voltage or current) with synchronous and windings and armature	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/11/21 20:19
L24	0	(dishwash\$3 or tableware or warewash \$5 or A47L015/42.ipc.) and (pump or motor) with (speed with sensor) with synchronous and armature	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/11/21 20:21
L25	0	(dishwash\$3 or tableware or warewash \$5 or A47L015/42.ipc.) and (pump or motor) and(speed with sensor) with synchronous and armature	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/11/21 20:22
L26	1	(dishwash\$3 or tableware or warewash \$5 or A47L015/42.ipc.) and (pump or motor) and(speed with sensor) with synchronous	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/11/21 20:22
L27	1	(dishwash\$3 or tableware or warewash \$5 or A47L015/42.ipc.) and (pump or motor) and (speed with sensor) with synchronous	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/11/21 20:22
L28	13701	(dishwash\$3 or tableware or warewash \$5 or A47L015/42.ipc.) and (pump or motor)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/11/21 20:24

L29	1	(dishwash\$3 or tableware or warewash \$5 or A47L015/42.ipc.) and (pump or motor) and time with behavior with windings	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/11/21 20:24
L30	2202669	(dishwash\$3 or tableware or warewash \$5 or A47L015/42.ipc.) and (pump or motor) and Hall sensor	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/11/21 20:25
L31	31	"5859520"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/11/21 20:26
L32	1	("5859520").PN.	USPAT; USOCR	OR	OFF	2009/11/21 20:26
L33	352	(dishwash\$3 or tableware or warewash \$5 or A47L015/42.ipc.) and (pump or motor) with synchronous	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/11/21 20:27
L34	29	(dishwash\$3 or tableware or warewash \$5 or A47L015/42.ipc.) and (pump or motor) and synchronous and armature	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/11/21 20:27
L35	255	(dishwash\$3 or tableware or warewash \$5 or A47L015/42.ipc.) and (pump or motor) with vane	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/11/21 20:31
L36	40	(dishwash\$3 or tableware or warewash \$5 or A47L015/42.ipc.) and (pump or motor) with vane and (synchronous or armature)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/11/21 20:31
L37	1	L32 and synchronous	USPAT	OR	OFF	2009/11/21 20:46
L39	2	("3542496").PN.	USPAT; USOCR	OR	OFF	2009/11/21 20:57
L40	21	(dishwash\$3 or tableware or warewash \$5 or A47L015/42.ipc.) and (pump or motor) and nomura.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/11/21 20:59

L41	2	(dishwash\$3 or tableware or warewash \$5 or A47L015/42.ipc.) and (pump or motor) and (judge with foam). ab.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/11/21 21:01
L42	31	(dishwash\$3 or tableware or warewash \$5 or A47L015/42.ipc.) and (pump or motor) and takahashi.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/11/21 21:01
L43	1	(dishwash\$3 or tableware or warewash \$5 or A47L015/42.ipc.) and (pump or motor) and takahashi.in. and variation with voltage	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/11/21 21:02
L44	8	(dishwash\$3 or tableware or warewash \$5 or A47L015/42.ipc.) and (pump or motor) with (speed or power or voltage or current) with (filter or block\$4 or jam\$5 or screen) with (flush\$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/11/21 21:07
L45	15	(dishwash\$3 or tableware or warewash \$5 or A47L015/42.ipc.) and (pump or motor) with (speed or power or voltage or current) same (filter or block\$4 or jam\$5 or screen) with (flush\$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/11/21 21:07
L46	9	(dishwash\$3 or tableware or warewash \$5 or A47L015/42.ipc.) and (pump or motor) with (speed or power or voltage or current) same (filter with flush \$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/11/21 21:08
L47	158	(dishwash\$3 or tableware or warewash \$5 or A47L015/42.ipc.) and (pump or motor) with (speed or power or voltage or current) same (clog\$4 or blockage or jam\$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/11/21 21:09

L48	48	(dishwash\$3 or tableware or warewash\$5 or A47L015/42.ipc.) and (pump or motor) with (speed or power or voltage or current) near20 (clog\$4 or blockage or jam\$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/11/21 21:09
S1	3	("20060130876"   "5859520"   "6775468").PN.	US-PGPUB; USPAT	OR	OFF	2009/09/24 16:10
S2	226	(appliance or dishwash\$3 or tableware or warewash\$5 or (washing near2 machine) or (automatic near2 wash\$3)) and pump same speed same power same (monitor\$3 or detect\$3 or sens\$4 or determin\$4) same (block\$4 or jam\$5 or foam or damage or dangerous or air or exceptional)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/11/12 12:50
S3	16	("20020117989"   "20060119310"   "20060132075"   "20060177204"   "20060179859"   "3027307"   "5779450"   "6014004"   "6462492"   "6642681"   "6832488"   "6925824"   "7023158"   "7095204"   "7102306"   "7143491").PN.	US-PGPUB; USPAT	OR	ON	2009/11/12 12:56
S4	1657	(appliance or dishwash\$3 or tableware or warewash\$5 or (washing near2 machine) or (automatic near2 wash\$3)) and pump same (speed or voltage or current or power) same (monitor\$3 or detect\$3 or sens\$4 or determin\$4) same (block\$4 or jam\$5 or foam or damage or dangerous or air or exceptional)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/11/13 09:24



S5	289	(dishwash\$3 or tableware or warewash \$5) and pump same (speed or voltage or current or power) same (monitor\$3 or detect\$3 or sens\$4 or determin\$4) same (block\$4 or jam\$5 or foam or damage or dangerous or air or exceptional)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/11/13 09:35
S6	291	(dishwash\$3 or tableware or warewash \$5 or A47L015/42.ipc.) and pump same (speed or voltage or current or power) same (monitor \$3 or detect\$3 or sens \$4 or determin\$4) same (block\$4 or jam \$5 or foam or damage or dangerous or air or exceptional)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/11/13 09:36
S7	7	("20040173245"   "4097307"   "5330580"   "5800628"   "6343611"   "6544344"   "6887318").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/13 09:38
S8	174	(dishwash\$3 or tableware or warewash \$5 or A47L015/42.ipc.) and pump and motor and inverter	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/11/13 11:09
S9	40	(dishwash\$3 or tableware or warewash \$5 or A47L015/42.ipc.) and pump and motor and inverter and synchronous	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/11/13 11:09
S10	1	("6640382").PN.	USPAT; USOCR	OR	OFF	2009/11/13 13:38
S11	1	("6460382").PN.	USPAT; USOCR	OR	OFF	2009/11/13 13:39
S12	1	("4510777").PN.	USPAT; USOCR	OR	OFF	2009/11/16 12:15
S13	1	("6811236").PN.	USPAT; USOCR	OR	OFF	2009/11/16 12:16
S14	1	("6295004").PN.	USPAT; USOCR	OR	OFF	2009/11/16 12:16
S15	1	("5231722").PN.	USPAT; USOCR	OR	OFF	2009/11/17 09:47

**11/21/2009 9:18:26 PM**

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